Datasheet for ABIN7101626

anti-Lipoprotein Lipase antibody

2 Images

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Overview

Quantity:	20 µL
Target:	Lipoprotein Lipase (LPL)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Lipoprotein Lipase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human Lipoprotein lipase (LPL) (LPL)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Lipoprotein Lipase (LPL)
Alternative Name:	LPL (LPL Products)
Background:	LPL encodes lipoprotein lipase, which is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and

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Target Details

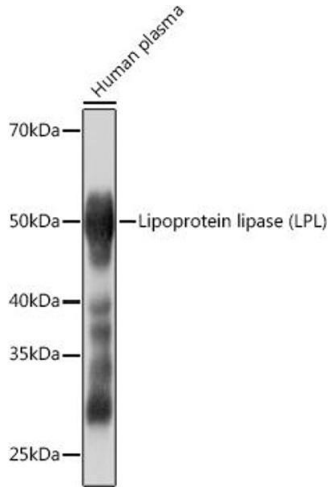
	ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism. [provided by RefSeq, Jul 2008],HDLCQ11, LIPD,Cancer,Cardiovascular,Endocrine & Metabolism,Endocrine and metabolic diseases,Endocrine and metabolic diseases_Obesity,Lipid Metabolism,Lipid Metabolism_Lipases,Lipids,Mesenchymal Stem Cells,Neurodegenerative Diseases,Neuroscience,Signal Transduction,Stem Cells,LPL
Molecular Weight:	53 kDa
Gene ID:	4023
UniProt:	P06858
Pathways:	Lipid Metabolism

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

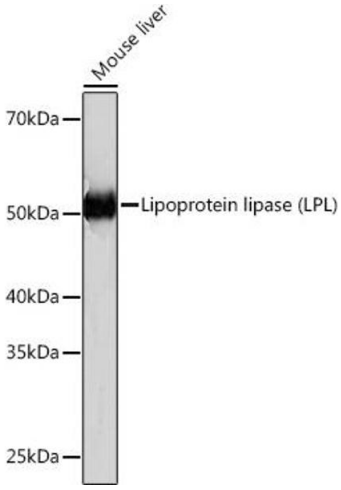
Handling

Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Human plasma, using Lipoprotein lipase (LPL) (LPL) Rabbit mAb (ABIN1682726, ABIN3018558, ABIN3018559 and ABIN7101626) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3s.



Western Blotting

Image 2. Western blot analysis of extracts of Mouse liver, using Lipoprotein lipase (LPL) (LPL) Rabbit mAb (ABIN1682726, ABIN3018558, ABIN3018559 and ABIN7101626) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3 min.